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1299 PENNSYLVANIA AVE., NW
WASHINGTON, DC 20004-2402
PHONE 202.783.0800
FAX 202.383.6610
A LIMITED LIABILITY PARTNERSHIP

July 11, 2000

Box Patent Application

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application
Application No.: To Be Assigned
Filed: Herewith
For: **Nucleic Acid Molecules and Other Molecules
Associated with Sterol Synthesis and Metabolism**
Inventors: Balasulojini KARUNANANDAA *et al.*
Atty. Docket: 05686.0004.NPUS00/35-21(17108)

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. U.S. Utility Patent Application entitled:
**Nucleic Acid Molecules and Other Molecules Associated with
Sterol Synthesis and Metabolism**
and naming as inventors:
Balasulojini KARUNANANDAA, Jaehyuk YU, and Ganesh M. KISHORE,
the application consisting of:
 - a. A specification containing:
 - (i) 154 pages of a description prior to the claims;
 - (ii) 3 page of claims (27 claims);
 - (iii) a one (1) page abstract; and
 - (iv) 777 pages of a sequence listing;
3. A computer-readable diskette containing the sequence listing;
4. Statement Regarding Sequence Submission; and

5. Two (2) return postcards.

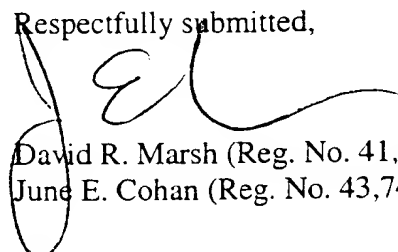
This application claims priority under 35 U.S.C §119(e) of U.S. Provisional Application No. 60/142,981, filed July 12, 1999.

This application is being filed without an executed Declaration, and without payment of official fees.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)
June E. Cohan (Reg. No. 43,741)

Enclosures



COPY

Atty. Ref.: 05686.0004 NPUS00/35-21(17108)
Date: July 11, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Balasulojini KARUNANANDAA *et al.*
Serial No.: To Be Assigned
Filing Date: July 11, 2000
Title: Nucleic Acid Molecules and Other Molecules Associated with Sterol Synthesis and Metabolism

Art Unit: To Be Assigned
Examiner: To Be Assigned

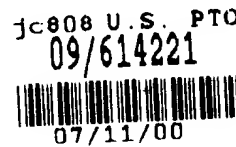
Assistant Commissioner for Patents
Washington, DC 20231

Attn: Box Patent Application

Sir:

Please place the U.S. Patent & Trademark Office receipt stamp hereon to acknowledge receipt of the following:

1. Transmittal Letter to the Assistant Commissioner for Patents;
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3. U.S. Utility Patent Application (consisting of 154 pages of description prior to the claims; 3 page of claims (27 claims); a 1 page abstract; and 777 pages of a sequence listing);
4. A computer-readable diskette containing the sequence listing;
5. Statement Regarding Sequence Submission; and
6. Two (2) return postcards.



Return file to: Kathi Moore (411A)

Atty. Ref.: 05686.0004 NPUS00/35-21(17108)
Date: July 11, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Balasulojini KARUNANANDAA *et al.*
Serial No.: To Be Assigned
Filing Date: July 11, 2000
Title: Nucleic Acid Molecules and Other Molecules Associated with Sterol Synthesis and Metabolism

Art Unit: To Be Assigned
Examiner: To Be Assigned

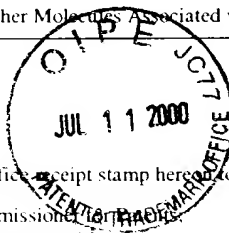
Assistant Commissioner for Patents
Washington, DC 20231

Attn: Box Patent Application

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Return file to: Kathi Moore (411A)

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ARNOLD & PORTER

202.942.5000
202.942.5999 Fax
555 Twelfth Street, NW
Washington, DC 20004-1206



September 17, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Mail Stop AF

Re: U.S. Patent Application No. 09/614,221
Filed: July 11, 2000
Title: **Nucleic Acid Molecules and Other Molecules Associated with Sterol
Synthesis and Metabolism**
Applicants: Balasulojini KARUNANANDAA *et al.*
Atty. Docket No.: 16516.075 (now 16518.112)

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office (USPTO):

1. Petition for Extension of Time under 37 C.F.R. § 1.136;
2. Appointment of Associate Attorney;
3. Amendment and Reply to Office Action mailed May 21, 2003;
4. Courtesy copies of a transmittal letter and a stamped postcard dated July 11, 2000;
5. Courtesy copies of an Information Disclosure Statement, Form PTO-1449, a Preliminary Amendment, and a stamped postcard dated September 17, 2001; and
6. Return postcard.

Please stamp the postcard with the filing date of these documents and return it to our courier.

Applicants request that the \$110 fee for filing a petition for one-month extension of time be charged to Deposit Account No. 50-2387, referencing docket number 16518.112.

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ARNOLD & PORTER

Commissioner for Patents

September 17, 2003

Page 2

Applicants do not believe that any fees other than the \$110 are due in conjunction with this filing. In the event that extensions of time beyond those petitioned for herewith are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. However, if any additional fees under 37 C.F.R. §§ 1.16 or 1.17 are required in the present application, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter Deposit Account No. 50-2387, referencing matter number 16518.112. A duplicate copy of this letter is enclosed.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Rachel L. Adams", followed by a small flourish.

David R. Marsh (Reg. Attorney No. 41,408)

Rachel L. Adams (Reg. Attorney No. 54,660)

Attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Balasulojini KARUNANANDAA *et al.*

Appln. No.: 09/614,221

Filed: July 11, 2000

Title: **Nucleic Acid Molecules and
Other Molecules Associated
with Sterol Synthesis and
Metabolism**

Art Unit: 1638

Examiner: Russell KALLIS

Atty. Docket: 16516.075 (now
16518.112)

Confirmation No.: 1614

APPOINTMENT OF ASSOCIATE ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attn: Mail Stop AF

Sir:

The undersigned attorney of record, named in the application papers filed under
37 C.F.R. § 1.53, hereby appoints:

practitioners at Customer No. 28381

as associate registered attorneys and agents.

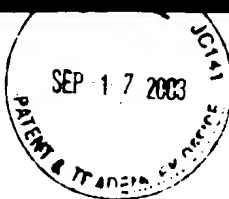
Respectfully submitted,

David R. Marsh (Reg. Attorney No. 41,408)

Date: September 17, 2003

ARNOLD & PORTER
555 Twelfth Street, N.W.
Washington, D.C. 20004-1206
(202) 942-5000 telephone
(202) 942-5999 facsimile

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Atty Docket No: 16516 075
Date: September 17, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	Karunanandaa, et al	Art Unit:	1638
Serial No.:	09 614,221	Examiner:	To Be Assigned
Filing Date:	July 11, 2000		
Title:	Nucleic Acid Molecules and Other Molecules Associated with Sterol Synthesis and Metabolism		

Commissioner for Patents
Washington, DC 20231

Sir:

Please place the U.S. Patent & Trademark Office receipt stamp hereon to acknowledge receipt of the following:

1. Transmittal letter;
2. Information Disclosure Statement;
3. PTO Form-1449 (2 pages) and 9 (nine) accompanying references;
4. Preliminary Amendment; and
5. return postcard.



Return postcard to:

June E. Cohan